Plans

Equip

Our

Army

With

the

Famous

Quick

Fire

Field

Artifferu.

Nordenfeldt

A MYSTERIOUS NEW TORPEDO AND NEW RAPID FIRE GUN.

The War Department Buys Exclusive Rights to a Remarkable Dirigible Torpedo, the Best in the World.

New Nordenfeldt Rapid-Fire Gun.

ome the exclusive property of the It is learned that Mr. Nordenfeldt bus

defend at once the harbors of sudden emergency the Aslatic given to the Nordenfeldt.

motive power being self-contained electric that the little engine which is carried in the starter water. Put the cloth water, Put the cloth torpedo is run by compressed air.

torpedo is run by compressed air.

The Nordenfeldt differs from the Whitehead in being always under control. This control is effected by means of wires which reel off as the torpedo dashes shead. The control is the Nordenfeldt torpedo is the Nordenfeldt torpedo in the Nordenfeldt torpedo is the Nordenfeldt torpedo in the Nordenfeldt torpedo is run by Nordenfeldt torpedo is run by Nordenfeldt torpedo is run by compressed air.

The Nordenfeldt differs from the Whitehead it is then non-inflammable. A hundred control is run by compressed air. nearest approach to the Nordenfeldt torpedo in make and in action is the SimsEdlson weapon of this country. The objection to the latter torpedo is based on
the fact that its supporting float is exposed and if the float should be all or tora
by shot the torpedo it supported would
stand little chance of remaining effective

stand little chance of remaining effective nearest approach to the Nordenfeldt tor- treated with a single

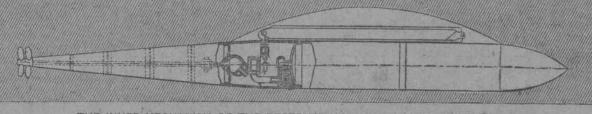
the water submerged to a depth of six feet. It is described as being eigar-shaped, with a length of 35 feet; maximum diameter, 23 inches; total weight, charged for ection, 6 200 pounds; exclusive. action, 6,200 pounds; explosive charge, 300 I have received nu-pounds, which can be increased to 500 merous letters re-pounds. Inside the torpedo are the motive centry from people all power, propelling and steering apparatus over the country ask-and cable. over the country ask-

The motive power is supplied by 120 to save life and prop-georage cells, which develop 18 horse erty from fire, and power, giving a speed of 14% knots per what I have just hour. The steering of the torpedo is effected by a balance rudder, manipulated whole thing.

from the shore through a three-cored I do not say that this cable 4,050 yards long. Not only can the process makes cloth pede be turned to the right or left as fireproof in the sense it speeds along, but it can be stopped, re- that asbestos is fire-

completed arrangements with the at full speed. Actual runs of two miles in famous Swedish engineer, Norden-length have been made with the Nordenwhereby the coast defence torpedo feldt torpedo at the speed of 14 knots per

of the Nordenfeldt torpedo at the E. knots per hour. To obtain this speed he



diped in a solution of this, becomes absorband to the quantity in which it is purchased.

In my laboratory I tried every known This solution of phosphate of ammonia quicker than fresh water.

It is so simple a process that any lame that can be bought in any dress core in the contract of the recoil by means of buffers and contract of the quantity in which it is purchased.

In the quantity in which it is purcha A great deal of secrecy surrounds the features of this weapon, but the principal pseuliarity is that it is automobile, the pseuliarity is that it is automobile, the substance and found that this simple thing is absolutely colorless. It does not make damages goods much worse, and at a cost of only one cent force of the recoil by means of buffers and pseuliarity is that it is automobile, the springs placed under the main portion of ammonia the original process, and at a cost of only one cent force of the recoil by means of buffers and found that this substance and found t I think that this the gun carriage. The wheels are secured diemical could be used by skids or brakes, and it has been acto good purpose in tunity found in a recent test of one of his treating fivemen's pieces when twelve shots were fired im ropes and life ines rapid succession that the gun did not only with it. Rope fire not retreat to the rear, but had actually escapes kept in hotel advanced one inch. The advance was

rooms should be pro- doubtless due, it is said, to a slight spring feeted in this way forward imparted by the recoll but-size. It would not fers. make them as fire- In firing the Nordenfeldt gun the gunuer proof as asbestos sits on a saddle in the rear of the place. ropes would be. But He is able to train the gun from this pos asbestos, being a min- sirion both for elevation and laterally, ral fibre, is not and a rate of almed fire of as high as strong enough to fifteen shots per minute is obtainable. The make ropes of. After War Department authorities propose shortbeing put through ly to hold an important test of various process, common types of field guns, with a view of picking ropes would still out the best in the market. Mr. Nordenplacken when a burst feldt has been asked to snimit one of Ma of fiame would come famous guns, and it is understood that he

Chemical science of- trials. In going into the market for field fers this wonderful gans the United States authorities will preventive of disaster avail themselves of the best weapon, freely to all. Yet I whether it be of foreign or domestic makes fear but few will The Krag-Jorgensen ride, it will be reprofit by it. People called, was submitted by two foreign anscome careless and gineers. Three domestic guns, it is underneglect to take pre- stood, will also be submitted for trial-on cautions. But here is the make of the Hotchkiss people, a section something for the from the Seabury establishment and a third thoughtful to take will come from the Government armenal at

the Windsor Hotel fire started from proof. Cloth treated with p

For the above reasons the War A stitch in time saves nine, but a dip dress catching fire. What could be cut, it is said, deemed it expe- in chemicals may be of considerably fearful and distressing to a parent?

the beach, and the preference was at once. A lace curtain or other cloth after being would prevent such horrible accidents and other curtain will only be blackened along quality.

new Nordenfeldt weapon runs under children's and ladies'

FROM OWNER TO JANITOR.

The Berlin Building is one of the loftiest and costllest edf- 000, what will it be worth in a few years more?

in the city of Tacoma. To-day he is its janitor.

to the quantity in which it is purchased.

Henry Mahncke once owned the finest business block offered \$75,000 for their property. Ambition seized them, the city of Tacoma. To-day he is its janitor. "If our land to-day," they asked one another, "is worth \$75, fices in the country. Six years ago it belonged to Henry They planned a great enterprise. Mortgaging their holdings Mahneke, To-day Henry Mahneke hasn't a cent in the world for \$05,000 to the Mutual Life Company, they began the contant is dependent for a livelihood apon what he earns from day struction of the Berlin Building; but the cost of material went to day sweeping out the halls of the palatial structure which he higher, and more money was needed than they had on hand-So they put a second mortgage on the property as it stood im-Not many cities can boast of a finer building than the Berlin proved.

Building, which went up in almost a night on the corner of The building grew and was completed at a cost of nearly Pacific avenue and Eleventh street when the boom struck half a million dollars. The two bakers made money as they Tacoma. Strangers fo-day pause to admire its monumental went along, and by the time their immense structure was fin-walls of glass. It is a roomy, breezy, magnificent place, where ished they were rich men. Their income in rems alone for a affairs of importance in the movements of a great city are hourly time was nearly \$10,000 a year. They were offered a large sum In progress.

On the evening of May 7, 1882, Henry Mahneke slepped from of all indebtedness; but they refused it.

a San Francisco steamer to the Tacoma wharf. With him was That is the half of the drama which deals with the ascent. a man named Charles Muchienbruch. The two had been part Here is the quick, brief tale of the downfall:

ners for seven years in the town of Marysville, Ohio. Muchien- The Traders' Bank, which was paying \$6,800 rent in the
bruch had about \$3,000 in money; Mahneke not more than a Berlin Bullding, failed, owing for arrears. Reverse followed rethird as much: The strangers faced the people of the little verse. The income dwindled to a smaller amount then the intown confidently, andon the very day they landed in it parted terest on the building fund. The two bakers who only resterwith their small control in a number of real extent of the different on the building fund. The two bakers who only rester-

against them, but has cabled to the French works to prepare they would not burn, at once a field gun for the American

advantage of Watervilet.

with their small capital in a purchase of real estate—a twenty—day had been princes of wealth in the great Northwest awake five foot lot on the corner of Eleventh street and Pacific avenue. They bought the lot adjoining their own for \$5,000, which they had been offered on their arrival for \$900. The boom was already on its way. They erected in March, 1885, a one-story brick building on the rear of the lot facing Eleventh street—building where his hopes were burled, and the post of janitor was given him. YOU CAN BUY A TICKET AROUND THE WORLD FROM NEW YORK TO NEW YORK FOR JUST \$585

to can get the ticket, which is worth, by lineal measure, ing expenses r a long time the Pennsylvania Railroad has been booking

It's passengers through as far at Yokahama, Japan, and it recently occurred to the officials that they might as well extend the system so as to cover the earth. The result is that a passenger now buy in New York a little orange ticket which will take him out of New York toward the sunset and deliver bim back nghin by way of Sandy Hook. of course, if the traveller prefers to take his ocean trip first,

Pennsylvania has prepared its tickets for the Western coute, but lines to Europe and bereafter his route is very much in his ow ! Although one route is nearly twice as long as the other, there bacilly any difference to the price of the ticket over the longer

and wind up with a run across the continent, he can do it.

route selected.

ingensity in planning a tour around the world. The stapover privileges are allewed. A year is the time estimated over new years old and the rest and the results and the rest ingensity in planning a tour around the world. The stapover privileges are allewed. A year is the time estimated twelve can travel for half fare through steamship companies, with the exception of the travel for them. If /4.9 and allowed for the entire trip, but reasonable extensions can out, while over many of the lines children steamship line, allow about \$50 pounds of baggage to each pass the entire journey by water, so that the cost of the trip can of the trip is intensity in the planning tourist has to do is to go to be obtained. A single-handed tourist can vary his route in under five years old go free. Such children the planning tourist has to do is to go to be obtained. A single-handed tourist can vary his route in under five years old go free. Such children when the planning tourist has to do is to go to be obtained. A single-handed tourist can vary his route in under five years old go free. Such children when the planning tourist has to do is to go to be obtained. A single-handed tourist can vary his route in under five years old go free. Such children when the planning tourist has to do is to go to be obtained. A single-handed tourist can vary his route in under five years old go free. Such children when the planning tourist has to do is to go to be obtained. A single-handed tourist can vary his route in under five years old go free. Such children when the planning tourist has to do is to go to be obtained. A single handed tourist can vary his route in the course of the trip is in the course of the trip is in the course of the c



The Route You Travel and the P s You Touch in a Tour Around the World on One Ticket.

no longer expend fime, trouble and Variations from this route are endless, for the most liberal Children over five years old and under Baggage regulations are elastic. All the railroads and the cost of the trip is lucreased. With the exception of the fourner

inesworld ticket." The clerk will neither call the police nor the travelling family will usually find it better to take those the railroad is used, but some steamship. On every form of 'round-the-world ticket which the Pennsyl- world, touching at all the big ports, or he can make as many reach for a club. If the intending traveller possesses the sum of roads which take no account of children when it comes to pay. How the intending traveller possesses the sum of roads which take no account of children when it comes to pay. e uded. It is only when a land journey is undertaken that the or any other of the line over which his ticket is good. For a continuous water journey there can be none better than that which circles Australia, crosses the Arabian Sea, goes through the Suez Canal, thence up the Mediterranean, through the Bely of Biscay and dround to Southampton. There need not be a single trip by rall in that journey. If the tourist, however, sires to see more of the countries he passes he will take bout from Geylop northward to Calcutta and will then skirt worthern India and the Himalayas to Rombay. Either at Constantinople or at Brinaisi he can again break the sea tap by plac-ing Venice and Paris on his line of travel.

Foughly speaking the distance to be travelled will be, by the shorter route, 22,840 miles, and by the longer short SECC.
Whatever the tourist does he will throughout his grip, have been under the eye of the Pennsylvania Rallroad, wiich, while in does not try to compete with the hig tourist agencies is yet in-clined to demonstrate that it can and will sell any ene a single dicket that will take them clear around the world

